

# DRAG SCRAPERS

## THE BOSS SOLID STEEL SCRAPERS

Nos. 1 and 2  
WITHOUT RUNNERS



Fig. 1375A

Nos. 1 and 2  
WITH RUNNERS



Fig. 1375B

Boss Scrapers are made from heavy plates of specially hardened steel and are stamped from one sheet without joint or rivet. Owing to the sharp rounded nose of this scraper it will enter the ground more readily than other makes. The handles are hardwood.

Number	Capacity Cubic Feet	Weight Pounds	Weight with Runners Pounds	Weight with Steel Bottom Plate Pounds	Price Each	Price with Runners Each	Price with Steel Bottom Plate, Each
1	7	94	100	106	...	...	...
2	5	82	90	94	...	...	...
3	3	68	74	78	...	...	...

No. 3 Boss Ditching Scrapers are made with handle sockets on the side of bowl. The size and thickness of bowl is the same as Columbus No. 3.

## THE COLUMBUS SOLID STEEL SCRAPERS

Nos. 1 and 2

Nos. 1 and 2 WITH BOTTOM PLATE

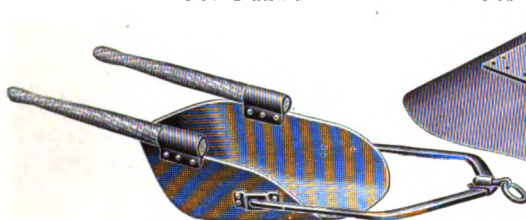


Fig. 1376C

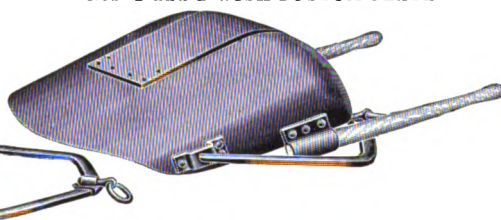


Fig. 1376D

Number	Capacity Cubic Feet	Top of Back to Cutting Edge Inches	Width Inches	Depth Inches	Weight Pounds	Weight with Runners Pounds	Weight with Steel Bot- tom Plate Pounds	Price Each	Price with Runners Each	Price with Steel Bot- tom Plate Each
1	7	34	33	10	101	109	114	...	...	...
2	5	31½	29½	9	89	97	101	...	...	...
3	3	32	26	9½	75	81½	91½	...	...	...

No. 1 Columbus Scrapers are used for long hauls or down grade; No. 2 for ordinary grading, farm, road or township work.

No. 3 Columbus Ditching Scrapers are made with extra long nose and sharpened cutting edge, entering the ground as readily as a plow. They are intended for narrow ditch work with one horse.

## SCRAPERS AND PLOWS

## K. &amp; J. PRESSED BOWL WHEEL SCRAPERS

WITH IMPROVED SAND-PROOF HUB WHEELS WITH MALLEABLE IRON HUBS AND  
REMOVABLE AXLE BOXES

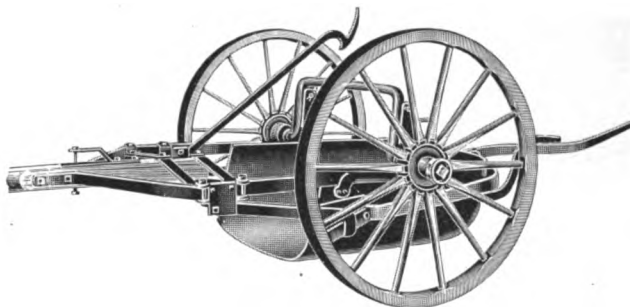


Fig. 1376A

Number	DIMENSIONS OF BOX, INCHES				Diameter of Wheels, Inches	Width of Track, Inches	Capacity, Cubic Feet	Weight, Pounds
	L'gth at Bottom	Width at Bottom	Depth at Back	Tires				
1	36	35	11½	3 x ¼	34	50	9	390
2	38½	37	13½	3 x ¼	40	55	13	644
3	46	42	16	3 x ¼	46	62	17	772

The above scrapers also furnished with sand-proof malleable hubs.

## GREAT WESTERN GRADING PLOWS

## TWO-HORSE PLOW

No. 105

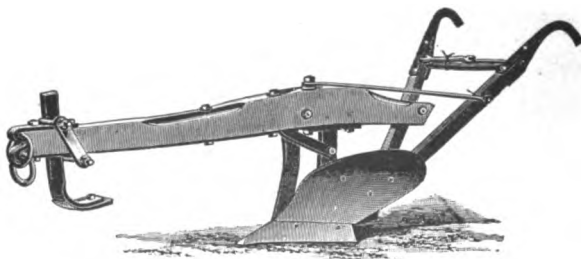


Fig. 1376B

Number	Horse Power	Weight, Pounds	Price, Each	LANDSIDE POINTS	
				Weight, Pounds	Price Each
106	2 to 4	150	.....	26	.....
105	4 " 6	175	.....	24	.....
101	6 " 8	228	.....	35	.....
103	12 " 14	280	.....	50	.....

DO NOT CUT CATALOGUE, ORDER BY FIGURE NUMBER.

# SQUARE BOWL WHEEL SCRAPERS

## WESTERN PATTERN

### WITH METAL HUB WHEELS

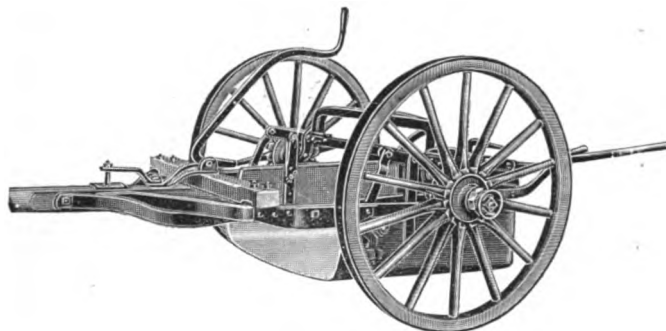


Fig. 9511A

The hubs are sand-proof and have removable boxings which can be readily replaced when worn.

Number	DIAMETER OF BOX, INCHES				Diameter of Wheel Inches	Width Track Inches	Capacity Cubic Feet	Weight Pounds
	Length at Bottom	Width at Back	Depth at Back	Depth at Front				
1	36	36½	12¼	11¼	38	53	9	497
2	36¾	38¼	13½	12½	40	56	12	675
2½	39¼	38¼	13½	12½	44	56	14	750
3	41½	44	15	14¼	46	61½	16	815

## AUTOMATIC END-GATE

### WITHOUT A CHAIN



Fig. 9511B

Our Square Bowl Wheel Scraper is supplied with our new automatic end-gate which is the only practical end-gate ever applied to this type of scraper. This end-gate is operated by an iron arm which is hinge-bolted to the dumping lever just back of the point where the lever is turned horizontally for connection with the axle.

The arm is curved up from the hinge bolt and the opposite end is hook-shaped. This hook catches a heavy pocket on the end-gate. The arm is slotted at the back and a curved trigger is hinge-bolted within the slot with the curve resting on the flat top of the dumping lever, and perfectly free to turn on its bolt. This trigger is so shaped that when the scraper is brought down from the trail position to the filling position, it lets the arm down so that the hook catches the pocket on the end-gate and pulls the end-gate up out of the way of loading.

A dog on the arm prevents the end-gate from dropping against the axle and overbalancing. When the lever is raised, bringing the bowl to the carrying position, the trigger so places itself as to force the hook above the pocket releasing the end-gate and allowing it to fall of its own weight. The operation of the end-gate is absolutely automatic and it always works very readily. It is not necessary to touch the trigger as it assumes the proper positions of itself from the positions of the dumping lever. This end-gate works freely and avoids the slow dragging of a chain over a pulley. The drop also gives it a shearing force enabling it to cut through clods and to close up much more readily than the chain type which is let down slowly and is apt to rest on top of the load until jarred into place.

# WHEELBARROWS, ETC.

## WHEELBARROWS

CLIMAX BOLTED



Fig. 9934A

PALMETTO

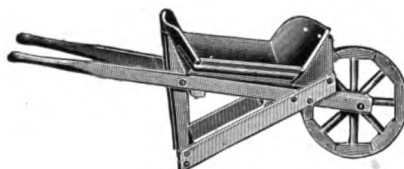


Fig. 9934B

## CLIMAX BOLTED

Price, with Improved 16-inch Sectional Felloe Wheel.....	per dozen	30.00
“ “ “ 18 “ Iron Hub Wheel.....	“	31.50
“ “ Patent Steel Wheel.....	“	33.00

Full size tray, with edges shaved, bolted to legs, and well bolted and braced in front. Legs gained and bolted to handles. Handles and legs of selected hard wood. Wheels painted.

## PALMETTO

Price, with Extra Heavy Iron Hub Wheel.....	per dozen	48.00
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This is the strongest canal barrow made. All braces double width and double bolted and all parts made of selected timber.

PHOSPHATE  
WHEELBARROW

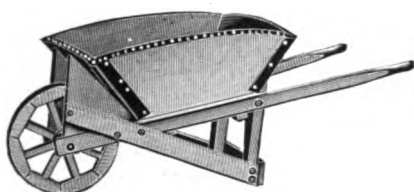


Fig. 9934C

FERTILIZER CART

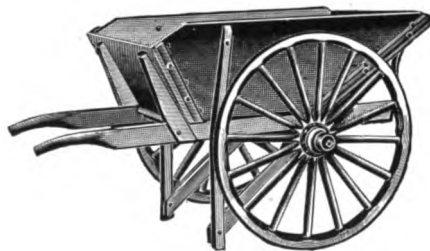


Fig. 9934D

## PHOSPHATE WHEELBARROWS

SIZE TRAY, INCHES		Depth Inches	Weight Pounds	Price per Dozen
Top	Bottom			
33x30	18x19	14	80	84.00

Made extra strong by banding the corners with sheet iron. Securely riveted and has strong iron hub wheel.

## FERTILIZER CARTS

SIZE BOX, INCHES		Depth Inches	WHEELS, INCHES		Axle Inches	Price Each
Top	Bottom		Diameter	Tread		
36x46½	22x24	18	36	1½	1¼	33.00

Has hard wood box and Sarven wheels.

WHEN ORDERING BY FIGURE NUMBER, PLEASE GIVE THE PAGE NUMBER ALSO.

## COLUMBUS WHEELBARROWS

DIRT BARROW  
No. 4

Fig. 7173A

## TUBULAR STEEL

COAL BARROW  
No. 10

Fig. 7173B

These barrows have tubular iron frames, steel trays and the well-known Lewis pattern steel wheels.

The Lewis wheels are so constructed, having the spokes dove-tailed in the flanges against the hub, and secured by a head on the outer and a shoulder on the inner side of the tire, thus combining tension and compression strength, that it is impossible for tire to come off, or spokes to become loosened.

## DIRT BARROWS

No.	Gauge of Tray No.	Size of Wheel Inches	Tire Inches	Length on Top Inches	Width on Top Inches	Depth at Wheel Inches	Depth at Handle Inches	Great'st Length Inches	Great'st Height Inches	Capacity Cubic Feet	Weight Pounds	Price Each
4	15	16½	1½ x ½	32	29	7	5	67½	19½	3	75	.....
4½	14	16½	1½ x ½	32	29	7	5	67½	19½	3	76½	.....
5	14	16½	1½ x ½	35½	28½	8½	6	67½	21½	4	79	.....

## MINING AND GENERAL PURPOSE BARROWS

6	14	16½	1½ x ½	32	29	7	5	67½	19½	3	79½	.....
7	14	16½	1½ x ½	35½	28½	8½	6	67½	21½	4	84	.....

## FOUNDRY BARROWS

8	12	16½	1½ x ½	32	27	7	5	67½	19½	3	89	.....
9	12	16½	1½ x ½	35½	28½	8½	6	67½	21½	4	98	.....

## COAL BARROWS

7	14	16½	1½ x ½	35½	28½	8½	6	67½	21½	4	84	.....
10	13	16½	1½ x ½	41½	33	11½	8	67½	25½	6	103½	.....

## COKE BARROWS

12	15	16½	1½ x ½	41½	33	11½	8	67½	25½	6	94	.....
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## CAPACITIES OF COAL AND COKE BARROWS

Number .....	7	10	12
Capacities .....	215 to 250 Pounds of Coal	350 Pounds of Coal	5 Bushels of Coke or Charcoal

Greatest width of all barrows is width on top of tray.

All the above barrows have malleable hub, 1½ inch round steel spokes and 5/8 inch axle bolts.

# WHEELBARROWS AND CARTS

## WHEELBARROWS

K. & J. CONCRETE

COLUMBUS CONTRACTOR



Fig. 7060A



Fig. 7060B

## CONCRETE WHEELBARROWS

The shovel-shaped dash adds another practical advantage to the "K & J" tray shape. A pouring channel is so formed which deposits flowing material in compact form at the exact point desired.

SIZE OF TRAY, INCHES					Diam. of Wheel Inches	Size of Tire Inches	Weight Pounds	CAPACITY CUBIC FEET		Price per Dozen
Length	Width	Depth at Front	Depth at Back	Length of Slope at Front				Wet Mor- tar or Concrete	Dirt	
37 $\frac{3}{4}$	25 $\frac{1}{2}$	13	8 $\frac{1}{4}$	19 $\frac{1}{4}$	16 $\frac{1}{2}$	1 $\frac{1}{2}$ x $\frac{3}{8}$	73 $\frac{1}{2}$	2	4	....

## COLUMBUS CONTRACTOR WHEELBARROWS

The "Columbus" Steel Tray Wheelbarrows are also supplied with angle iron legs and braces. These legs are cross braced with angle iron and are further reinforced by a V-shaped steel brace which extends from the handles at each side, and is bolted to the cross brace.

No.	SIZE OF TRAY, INCHES				Greatest Length Inches	Greatest Width Inches	Capacity Cubic Feet	Weight Pounds	Price per Dozen
	Length on Top	Width on Top	Depth at Wheel	Depth at Handle					
2A	35 $\frac{1}{2}$	28 $\frac{1}{2}$	8 $\frac{1}{2}$	6	65	20 $\frac{1}{2}$	4	69	....



Fig. 7060C

## COLUMBUS CONCRETE CARTS

For Contractors, Cement Workers, Etc.

The bowl is so hung that it can be turned bottom up, making it especially convenient for laying the concrete base for sidewalks, reservoir bottoms and floors for reinforced concrete buildings.

Diameter of Wheels Inches	Size of Tire Inches	Gauge of Steel in Tray Number	SIZE OF BODY, INCHES			Axle Inches	Weight Pounds	Capacity Cubic Feet	Price Each
			Length	Depth	Width				
42	2 x $\frac{1}{2}$	12	38 $\frac{1}{2}$	20	20	1 $\frac{1}{4}$	240	6	....

In addition to this advantage of larger loads hauled per man, there is an economic advantage in being able to discharge the batch from a concrete mixer in much less time where carts are used than where wheelbarrows are used. In fact, a mixer can be discharged into these carts in one-third the time required with wheelbarrows.

WHEN ORDERING BY FIGURE NUMBER, PLEASE GIVE THE PAGE NUMBER ALSO.

## WHEELBARROWS AND DUMP CARTS

## WHEELBARROWS

## COAL OR ORE AND SMELTER BARROW



Fig. 2056A

## CHARGING BARROW

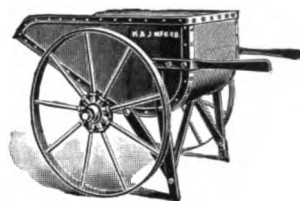


Fig. 2056B

## COAL BARROWS

GAUGE OF TRAY		Size of Wheel Inches	Tire, Inches	Spoke, Inches	Axle, Inches	SIZE OF TRAY INCHES		Greatest Depth of Tray Inches	CAPACITY, POUNDS					Price Each
Bottom and Front	Sides and Back					Top	Bottom		NUT COAL		LUMP COAL		Weight Pounds	
10	12	20	2	$\frac{9}{16}$	$1\frac{1}{2} \times 38\frac{1}{2}$	$44 \times 32\frac{1}{2}$ $\times 39\frac{1}{2}$	$20\frac{1}{2} \times 21$	$16\frac{1}{4}$	Even Full	Heaping Full	Even Full	Heaping Full	274	.....
									400	480	450	650		

## COAL OR ORE AND SMELTER BARROWS

$\frac{3}{16}$	10	20	$21\frac{1}{4} \times 38\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{2} \times 38$	$44 \times 32\frac{1}{2}$ $\times 39\frac{1}{2}$	$20\frac{1}{2} \times 21$	$14\frac{1}{2}$	400	480	450	650	370	.....
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Extra tire shrunk on.

## CHARGING BARROWS

12	12	34	$2 \times \frac{5}{8}$	$\frac{9}{16}$	....	$44 \times 26\frac{3}{4} \times 20$	....	Iron Ore.....	1500	385	....
								Coal.....	500		

We can furnish two heavier sizes of this design; they have drag wheel instead of legs.

## DUMP CARTS

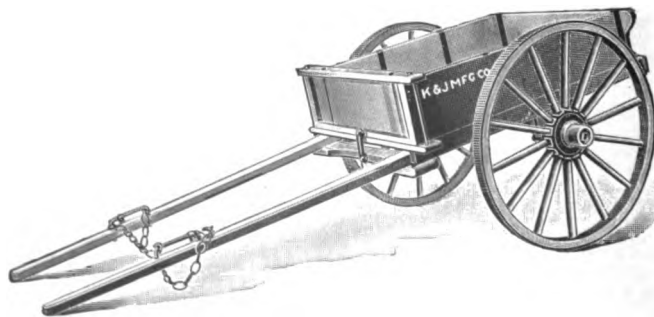


Fig. 2056C

Prices on application.

DO NOT CUT CATALOGUE, ORDER BY FIGURE NUMBER.

# TRUCKS

## FACTORY TRUCKS

Nos. 1, 2, 3, and 4



Fig. 3498A

Number	Width of Truck Feet	Length between Stakes Feet	Diameter of Wheels Inches	Diameter of Casters Inches	Weight Pounds	Price with Stakes per Dozen	Price with End Racks per Dozen	Iron Work only, per Dozen
1	2	4	12	7	140	130.00	166.00	84.00
2	2	4	16	7	170	144.00	180.00	96.00
3	3	5	12	7	195	154.00	190.00	90.00
4	3	5	16	7	215	168.00	204.00	100.00

Made of hardwood for heavy work in woodworking plants. Sides of 2-inch hardwood dressed. Stakes of rock elm, oak, or hickory. Platforms of 1-inch maple or oak dressed. Turned bearings. Steel stake pockets.

## PLANING MILL TRUCKS

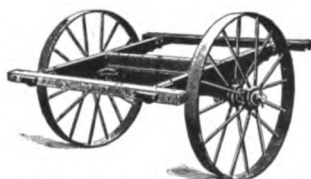


Fig. 3498B

Price, without frame, two wheels only.....each	25.00
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This truck has become very popular in lumber yards, planing mill and box factories, and is acknowledged by those handling lumber to be most economical and satisfactory. In using these the lumber is handled from the truck, and is not dumped as in the old method, and thus avoids breaking, splitting, etc., and is much handier. The frame is 4 feet long, 3 feet wide, strongly mortised and bolted together. 36-inch wheels, 2-inch axle, 4 feet 9 inches long.

We have in connection with our business an up-to-date machine shop.



## TRUCKS

## WAREHOUSE AND STORE TRUCKS

## WESTERN PATTERN

Nos. 0 to 4

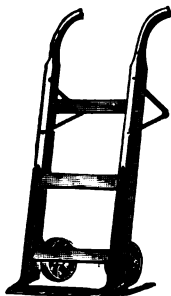


Fig. 35A

Nos. 0 to 4



Fig. 35B

Number	Length of Nose Inches	Length of Handles Inches	Width Inches	Size of Wheel Inches	WEIGHT, POUNDS		PRICE EACH	
					Half Ironed	Full Ironed	Half Ironed	Full Ironed
0	4	42	18	6 x2	39	44	6.00	7.00
1	4	48	18	7 x2	44	47	7.00	8.00
2	5	52	20	8 x2½	57	63	9.00	10.50
3	5	56	22	8½ x2½	71	80	13.00	15.00
4	6	60	24	10½ x2½	87	94	16.00	18.50

## STEAMBOAT AND BAG TRUCKS

## STEAMBOAT TRUCK



Fig. 35C

## BAG TRUCK

Nos. 1 and 3

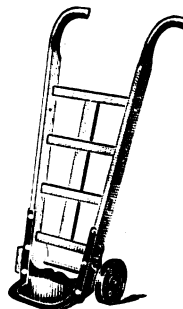


Fig. 35D

Number	Length of Nose Inches	Length of Handles Inches	Width at Nose Inches	Width 36 inch from Nose, Inches	Size of Wheel Inches	Weight Pounds	Price Each
Steamboat	9	60	17	20¾	12x3	135	26.00
Bag No. 1	4½	42	11	17¾	6x1¾	30	5.00
Bag No. 3	8½	48	15	21	7x2	60	9.00

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# TRUCKS

## DAISY TRUCK

No. 0

## BARREL TRUCK WESTERN PATTERN

Nos. 1 to 4

## BARREL TRUCK ALL IRON

No. 0

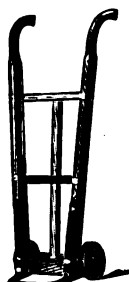


Fig. 5695A



Fig. 5695B



Fig. 5695C

### DAISY TRUCKS

Number	Length of Handles Inches	Width at Nose Inches	Width at Upper Bar Inches	Diameter of Wheel Inches	Weight Pounds	PRICE EACH	
						Iron Wheel	Rubber Tired Wheels
0	46	12	17½	6	30	5.00	6.50

### BARREL TRUCKS, WESTERN PATTERN

Number	Length of Handles Inches	Width Inches	Diameter of Wheel Inches	Weight Pounds Approx.	Price Each
1	48	18	7	55	9 00
2	52	20	8	75	11 00
3	56	22	8½	90	16 00
4	60	24	10½	117	21 00

### BARREL TRUCKS, ALL IRON

Number	Length Over All Inches	Width Inches	Diameter of Handle Inches	Width of Nose Inches	Diameter of Wheel Inches	Weight Pounds Approx.	Price Each
0	45	26	7½	13½	7½	40	12.00

### SKIDS



Fig. 5695D

Length Feet	Kind	Size of Side Rails, Inches	No. of Cross Bars	Weight Pounds	Price per Foot
6	Light	1½ x 2½	2	24	1.00
6	Heavy	1¾ x 3¼	2	40	1.25
7	Light	1½ x 2½	2	28	1.00
7	Heavy	1¾ x 3¼	2	45	1.25
8	Light	1½ x 2½	2	30	1.00
8	Heavy	1¾ x 3¼	2	52	1.25
9	Heavy	1¾ x 3¼	3	63	1.25
10	Heavy	1¾ x 4	3	70	1.25
12	Heavy	1¾ x 4½	4	85	1.25

Any size under 6 feet same price as 6 feet.

WHEN ORDERING BY FIGURE NUMBER, PLEASE GIVE THE PAGE NUMBER ALSO.